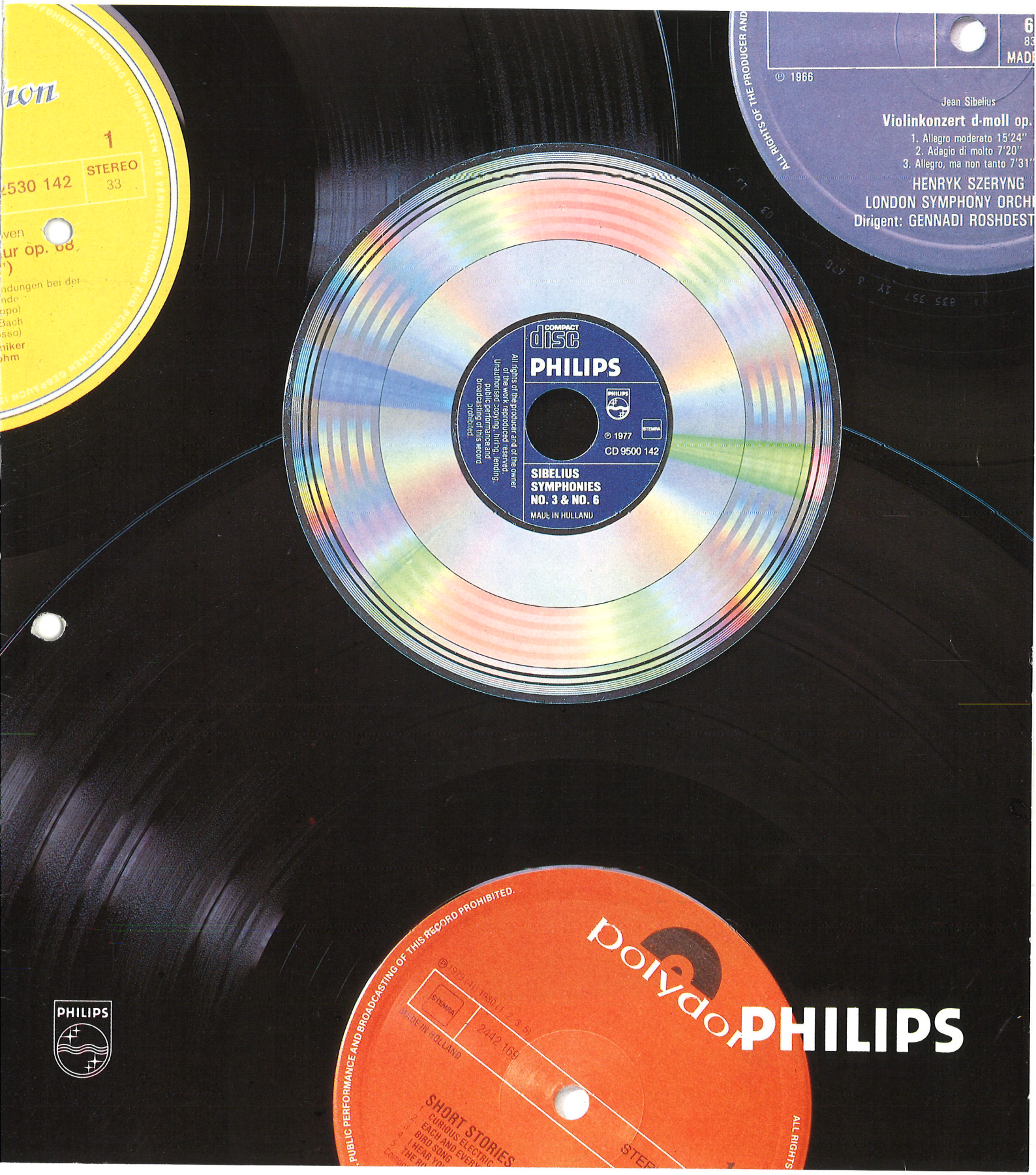
7/10/81 vom Schylander gekauft

Compact Disc Digital Audio



PHILIPS

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LP and CD – actual size.
Playing time for single sided CD is equal to both sides of LP.

Compact Disc
The new world standard for Digital Audio disc

Compact Disc Digital Audio – CD for short – is a totally new concept in sound reproduction from the Philips High Fidelity laboratories. With its digital recording system and laser-beam optical pick-up, CD represents the biggest single step forward ever taken in sound reproduction from disc – bigger even than the advance from the old '78' to the microgroove LP of today.

Consider these performance figures.
Dynamic range, signal-to-noise ratio and channel separation all approaching infinity at over 90 dB.
Frequency response completely flat from 20 Hz to 20,000 Hz. Harmonic distortion less than 0.05%.
No rumble. No wow or flutter. No microphony.

The single sided Compact Disc is only 120 mm in diameter and 1.2 mm thick, yet it will give the same playing time as both sides of a conventional LP.
And the digital recording is sealed inside the disc, safe from dust, scratches and fingermarks.

With such a small disc, the player can be small, too. The chassis is about the size of a compact cassette recorder mechanism. With laser beam scanning, there is no wear on either disc or pick-up. The player can be programmed to play tracks in any sequence, and even to display titles and supporting information for tracks as they are played.

These powerful advantages make Compact Disc Digital Audio the system of the future – a fact already recognised by the Sony Corporation and Matsushita Electric Industrial Co Ltd of Japan – both of which have adopted CD. Several companies in Europe have also joined the CD system and others will follow.

COMPACT
disc
DIGITAL AUDIO